

Form PTO-1449 (modified)		Atty. Docket No. 12665.0030.NPUS01	Serial No.
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Shan X. Wang et al.	
		Filing Date:	Group:
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 3</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing date of App.
	A1	5,981,297	11/09/99	Baselt	436	514	02/05/97
	A2	2002/0060565 A1	05/23/02	Tondra	324	260	03/05/01
	A3	6,582,921 B2	06/24/03	Mirkin et al.	435	6	09/20/01
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						
	A12						
	A13						
	A14						
	A15						
	A16						
	A17						
	A18						
	A19						
	A20						

EXAMINER:	DATE CONSIDERED:
EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)		Atty. Docket No. 12665.0030.NPUS01	Serial No.
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Shan X. Wang et al.	
		Filing Date:	Group:
U.S. Patent Documents See Page 1	Foreign Patent Documents See Page 2	Other Art See Page 3	

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Baselt, D.R., et al.; "A Biosensor Based on Magnetoresistance Technology," <i>Biosensors and Bioelectronics</i> , Vol. 13, Issues 7-8, October 1998, pp 731-739
	C2	Miller, M. M., et al.; "A DNA Array Sensor Utilizing Magnetic Microbeads and Magnetoelectronic Detection," <i>Journal of Magnetism and Magnetic Materials</i> ; 225, pp 138-144 (2001)
	C3	Graham, D. L., et al.; "Single Magnetic Microsphere Placement and Detection on-chip Using Current Line Designs with Integrated Spin Valve Sensors: Biotechnological Applications," <i>J. Appl. Phys.</i> , 91: 7786 (2002)
	C4	Sun, S.; Murray, C.B.; "Synthesis of Monodisperse Cobalt Nanocrystals and their Assembly into Magnetic Superlattices," <i>J. Appl. Phys.</i> , 85: 4325 (1990)
	C5	Parkin, S. S. P., et al. "Oscillations in Exchange Coupling and Magnetoresistance in Metallic Superlattice Structures: Co/Ru, Co/Cr, and Fe/Cr," <i>Phys. Rev. Lett.</i> , 64(19) 2304, (1990)
	C6	Slonczewski, John C., et al.; "Micromagnetics of Laminated Permalloy Films," <i>IEEE Trans. Magn.</i> , 24(3): pp. 2045-2054; (1998)
	C7	Li, G. et al.; "Detection of Single Micron-Sized Magnetic Bead and Magnetic Nanoparticles Using Spin Valve Sensors for Biological Applications," <i>J. Appl. Phys.</i> , 93(10): pp. 7557-7559 (2003)
	C8	Parkin, S.S.P., et al.; "Exchange-Biased Magnetic Tunnel Junctions and Application to Nonvolatile Magnetic Random Access Memory (Invited); <i>J. Appl. Phys.</i> , 85(8): pp. 5828-5833 (1999)
	C9	van de Veerdonk, R.J.M., et al., "Current Distribution Effects in Magnetoresistive Tunnel Junctions," <i>Appl. Phys. Lett.</i> , 71 (19): pp. 2839-2841 (1997)
	C10	Li, G., et al.; "Analytical and Micromagnetic Modeling for Detection of a Single Magnetic Microbead or Nanobead by Spin Valve Sensors," <i>IEEE Trans. Magn.</i> , 39 (5): pp. 3313-3315 (2003)
	C11	Thorsen, T., et al., "Microfluidic Large-Scale Integration," <i>Science</i> , Vol. 298, pp. 580-584 (2002)
	C12	Sun, S., et al.; "Monodisperse MFe ₂ O ₄ (M = Fe, Co, Mn) Nanoparticles," <i>IBM T. J. Watson Research Center, Yorktown Heights, NY</i> ; pp. 1-24

EXAMINER:**DATE CONSIDERED:**

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)		Atty. Docket No. 12665.0030.NPUS01	Serial No.
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Shan X. Wang et al.	
		Filing Date:	Group:
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 3</i>	

C13	Tehrani, S., et al.; "Recent Developments in Magnetic Tunnel Junction MRAM;" <i>IEEE Trans. Magn.</i> , Vol. 36 (5); pp. 2752-2757, (2000)
C14	Sun, S., et al.; "Polymer Mediated Self-Assembly of Magnetic Nanoparticles;" <i>J. Am. Chem. Soc.</i> , Vol. 124 (12); pp. 2884-2885, (2002)
C15	Sellmyer, D.J., et al; "Handbook of Thin Film Materials;" Edited by: Nalwa, H.S., Stanford Scientific Corporation; <i>Academic Press</i> , Vol. 5; pp 337-374 (2002)
C16	Trademark Electronic Search System (Tess) for "MAGARRAY;" http://tess2.uspto.gov/bin/gate.exe?f=doc&state=fv2stb.2.1 ; 4/21/04, 3 pages
C17	
C18	
C19	
C20	

EXAMINER:	DATE CONSIDERED:
EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)